

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P23685		Application No. 10/646,735				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Hiroshi NOMURA						
									Filing Date August 25, 2003		Group 2851				
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>KO</i>		4	7	9	1	4	4	1	12/13/88	NISHI et al.		—	—		
		4	4	5	1	1	2	9	05/29/84	IKARI et al.		—	—		
		3	3	7	7	4	2	7	04/09/68	FISCHER		—	—		
<i>KO</i>		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI		—	—		
<i>KO</i>		4	5	9	7	6	5	7	07/01/86	WAKABAYASHI		—	—		
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO	
<i>KO</i>		8	-	3	1	3	7	9	0	11/29/96	JAPAN		—	—	
<i>KO</i>		6	-	2	3	0	2	6	3	08/19/94	JAPAN		—	—	
<i>KO</i>		10	-	2	5	4	0	5	4	09/25/98	JAPAN		—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
<i>KO</i>		1	English Language Abstract of JP 8-313790.												
<i>KO</i>		2	English Language Abstract of JP6-230263.												
<i>KO</i>		3	English Language Abstract of JP 10-254054.												
<i>KO</i>		4	English Language Abstract of JP 2003-149723.												
EXAMINER		<i>D. Gray</i>							DATE CONSIDERED		<i>2-4-05</i>				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															

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U.S. PATENT DOCUMENTS

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	4	9	3	7	6	0	9	06/26/90	WAKABAYASI et al.					
	4	9	7	4	9	4	9	12/04/90	TANAKA					
	5	0	9	9	2	6	3	03/24/92	MATSUMOTO et al.					
	5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.					
	5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.					
	5	8	7	0	2	3	2	02/09/99	TSUJI et al.					
	5	9	1	2	7	7	2	06/15/99	AOKI					
	5	9	2	6	3	2	2	07/20/99	IWASAKI					
	6	4	9	0	0	9	9	12/03/02	SASAKI					
	6	5	7	0	7	1	8	05/27/03	NOMURA et al.					
	6	6	1	1	6	6	3	08/26/03	NAKAGAWA					
	6	7	1	1	3	4	9	03/23/04	DIRISIO					
	6	7	5	7	4	8	9	06/29/04	NOMURA et al.					
2001/	0	0	1	7	7	3	8	08/30/01	NOMURA et al.					
2002/	0	1	8	1	9	5	3	12/05/02	ICHINOKAWA					
2003/	0	0	0	7	7	9	6	01/09/03	NOMURA et al.					
	6	6	6	5	1	2	9	12/16/03	NOMURA et al.					
	5	5	4	8	4	4	6	08/20/96	ENOMOTO					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.

EXAMINER

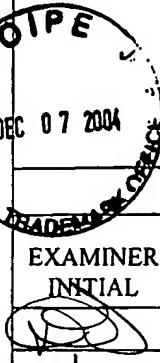
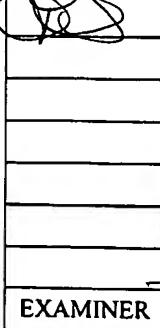
DATE CONSIDERED

2-4-05

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		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>RD</i>	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.						
<i>RD</i>	3	Digital CAPA March 2003, Which was publicly released on February 20, 2003, together with an English language translation of the same.						
<i>RD</i>	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.						
EXAMINER <i>D. Gray</i>				DATE CONSIDERED <i>2-4-05</i>				
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		4	9	3	7	6	0	9	06/26/90	WAKABAYASHI et al.		
		5	9	0	9	6	0	0	06/01/99	KOSAKO		
		4	5	4	5	6	6	1	10/08/85	HAMAGUCHI et al.		
		5	7	9	0	9	1	1	08/04/98	REIBL		
		5	7	9	0	9	0	7	08/04/98	REIBL		
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		0	5	9	8	7	0	3	05/25/94	E.P.O		
	9	-	1	5	6	8	2	01/17/97	JAPAN			
		0	8	1	0	4	6	6	03/12/97	E.P.O		
		3	3	1	7	9	9	9	11/24/83	GERMANY		
	1	9	6	2	3	0	6	6	12/11/97	GERMANY		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
	1	English language Abstract of JP 9-15682.										
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